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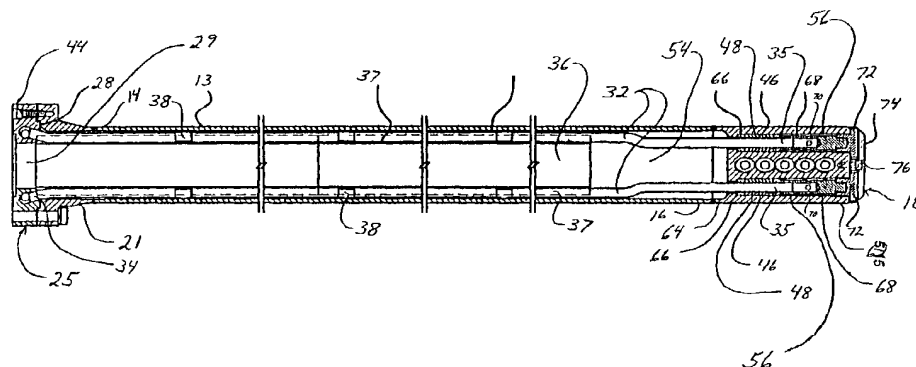
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(54) Title: SOOTBLOWER LANCE TUBE FOR DUAL CLEANING MEDIA



(57) Abstract: A long retracting sootblower device for conducting different cleaning media types to the interior of a heat exchanger having a lance tube assembly (12), a feed tube, a carriage assembly (1), a first cleaning media supply, and a second cleaning media supply. The lance tube assembly includes a manifold (25), a hub (21) mounted to the manifold (25), a tube section (13) extending outward from the hub (21), and a nozzle assembly (18). The nozzle assembly includes nozzles (50, 52) adapted for directing a stream of cleaning media. The manifold (25) includes at least one cylindrical tube (32) with first and second ends, the first end (34) being permanently mounted to the manifold (25), and the second end (35) engaging the nozzle assembly (18). The manifold (25) and cylindrical tube (32) define a first high pressure passage for conducting cleaning media from the first cleaning media supply to the nozzle assembly (18). The manifold (25) also includes a shield assembly (36) for supporting the cylindrical tube (32) within the lance tube assembly (12).

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